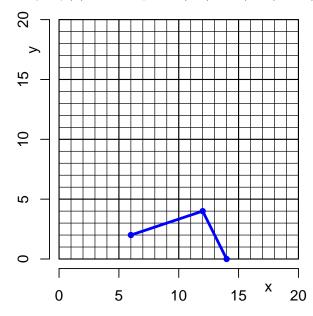
PCW_09_18 Find new points after transformation (version 18)

Question 1

Curve y = f(x) contains points (6,2) and (12,4) and (14,0), as shown on the x-y plane below.



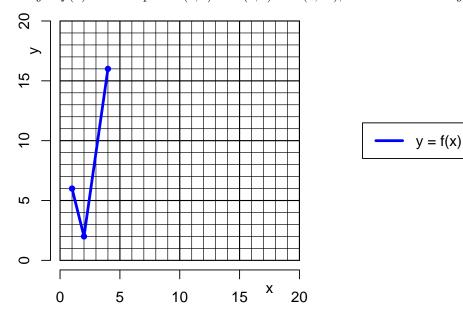
$$y = f(x)$$

On the same plane, please draw the curve represented by the equation below:

$$y = 3(f[2x+6]+1)$$

Question 2

Curve y = f(x) contains points (1,6) and (2,2) and (4,16), as shown on the x-y plane below.



On the same plane, please draw the curve represented by the equation below:

$$y = \frac{f\left[\frac{x-3}{3}\right]}{2} - 1$$